

**A PRETREATMENT FOR AN ELECTROPLATING PROCESS AND
AN ELECTROPLATING PROCESS INCLUDING THE PRETREATMENT**

ABSTRACT OF THE DISCLOSURE

The present invention provides an electroplating process and a method for manufacturing an integrated circuit. The electroplating process includes, among other steps, placing a substrate 290 in an enclosure 200 being substantially devoid of unwanted contaminants and forming a material layer 310 over the substrate 290 within the enclosure 200, the enclosure 200 still being substantially devoid of the unwanted contaminants. The electroplating process further includes forming a thin layer of oxide 410 over the material layer 310 within the enclosure 200, the enclosure 200 still being substantially devoid of the unwanted contaminants during the forming the thin layer of oxide 410.